

Title (en)

Locating harvested material within a work area

Title (de)

Ortung von Erntegut in einem Arbeitsbereich

Title (fr)

Localisation de produit de récolte dans une zone de travail

Publication

EP 1548531 B1 20070418 (EN)

Application

EP 04106340 A 20041207

Priority

US 74358703 A 20031222

Abstract (en)

[origin: EP1548531A1] A method and system for locating harvested material comprises receiving material data including material location data on a material location of harvested material within a work area. Background data is obtained. A location-determining receiver determines a forwarder location of a forwarder. An estimator estimates economic cost factors associated with corresponding candidate paths or segments of candidate paths between the forwarder location and the material location. A selector selects a preferential planned path between the forwarder location and the material location consistent with the material data, background data, and minimization of the economic cost factors. <IMAGE>

IPC 8 full level

A01B 69/04 (2006.01); **A01G 23/00** (2006.01); **G05B 19/418** (2006.01); **G06Q 10/00** (2006.01)

CPC (source: EP US)

A01B 69/008 (2013.01 - EP US); **A01G 23/00** (2013.01 - EP US); **G06Q 10/047** (2013.01 - EP US)

Cited by

US11435188B2; FR2936124A1; CN105432174A; CN112668792A; BE1024513B1; EP3401854A1; EP1847898A3; BE1024473B1; CN110612543A; RU2749557C2; AU2018265084A2; BE1024469B1; CN110651283A; RU2749561C2; BE1024459B1; CN110249347A; US2020103904A1; US11740632B2; WO2021198560A1; WO2018206673A1; US11467593B2; WO2018206669A1; WO2014122364A1; WO2018206592A1; US10798867B2

Designated contracting state (EPC)

DE FI FR GB SE

DOCDB simple family (publication)

EP 1548531 A1 20050629; **EP 1548531 B1 20070418**; DE 602004005956 D1 20070531; DE 602004005956 T2 20080117; US 2005197175 A1 20050908; US 8407157 B2 20130326

DOCDB simple family (application)

EP 04106340 A 20041207; DE 602004005956 T 20041207; US 74358703 A 20031222